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STATEMENT BY APPLICANT	<b>Application Number</b>	10/721585
(Use as many sheets as necessary)	Filing Date	November 25, 2003
OIPE	First Named Inventor	Forbes, Leonard
	Group Art Unit	2825 2891
MAY 2 1 2004 2	Examiner Name	Unknown C. Everhent
Sheet 1 of No.	Attorney Docket No: 1	303.017US2

		US PA	TENT DOCUMENTS			- * · · · · · · · · · · · · · · · · · ·
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
Mang	US-2002/0016081A1	02/07/2002	Aloni, E., et al.	438	714	10/15/2001
	US-2003/0001197	01/02/2003	Chang, Y., et al.	257	315	08/30/2002
	US-2003/0201491	10/30/2003	Chung, B.	257	324	05/08/2003
	US-5,408,115	04/18/1995	Chang, K.	257	324	04/04/1994
	US-6,245,613	06/12/2001	Hsu,, et al.			04/24/2000
	US-6,246,089	06/12/2001	Lin, Yai-Fen, et al.	257	315	03/13/2000
	US-6,249,460	06/19/2001	Forbes, Leonard, et al.	365	185.28	02/28/2000
	US-6,265,266	07/24/2001	Dejenfelt, A. T., et al.	438	258	09/27/1996
	US-6,316,316	11/13/2001	Wu, S.	438	260	06/18/1999
	US-6,351,428	02/26/2002	Forbes, Leonard	365	230.06	02/29/2000
	US-6,383,939	05/07/2002	Yang, W., et al.	438	706	08/17/1999
	US-6,384,448	05/07/2002	Forbes, Leonard	257	315	02/28/2000
	US-6,456,535	09/24/2002	Forbes, Leonard, et al.	365	185.28	06/15/2001
	US-6,515,328	02/04/2003	Yang, W., et al.	257	315	02/04/1999
	US-6,583,011	06/24/2003	Xia, L., et al.	438	275	01/11/2000
	US-6,639,835	10/28/2003	Forbes, L.	365	186.14	02/29/2000
C4116	US-6,730,960	05/04/2004	Forbes, L.	257	321	08/30/2001

FOREIGN PATENT DOCUMENTS					
Examiner Foreign Docur Initials*	ment No Publication Date	. Name of Patentee or Applicant of cited Document	Class	Subclass	T²

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CME		TIWARI, SANDIP, "Volatile and Non-Volatile Memories in Silicon with Nano-Crystal Storage", Int'l Electron Devices Meeting: Technical Digest, Washington, DC, (Dec. 1995), 521-524	

EXAMINER C.

C. Sweshard

DATE CONSIDERED 1-7-05

11/20/03

PTQ:SB/084(10-01)
Approved for use through 10/31/2002, OMB 851-0031
5 Patent & Trainment Office; U.B. DEPARTMENT OF CONMERCE

Substitute for form 1448APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information priess it contains a valid CMIS control number of information priess it contains a valid control number of information priess in the valid number of information priess in			
	<b>Application Number</b>	Unknown 10/721,585		
	Filing Date	Even Date Herewith 11/25/09		
	First Named Inventor	Forbes, Leonard		
	Group Art Unit	Unknown 2826 2891		
	Examiner Name	Unknown C. Evenharb		
Sheet 1 of 2	Attorney Docket No: 1303.017US2			

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
cone	US-3,387,286	06/04/1968	Dennard, Robert H.	340	173	07/14/1967
1 me	US-5,530,581	06/25/1996	Cogan, S. F.	359	265	05/31/1995
CYME	US-5,886,368	03/23/1999	Forbes, Leonard, et al.	257	77	07/29/1997
14118	US-5,989,958	11/23/1999	Forbes, Leonard	438	257	08/20/1998
14112	US-6,031,263	02/29/2000	Forbes, L., et al.	257	315	07/29/1997
pyne	US-6,278,155	08/21/2001	Okabe, Yoshifumi, et al.	257	328	11/22/1999

		FOREIGN PATENT	DOCUMENTS			
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²

	OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No '	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
cone		"Silicon Monoxide", CERAC, incSilicon Monoxide, SIO,(2000),pp. 1-4.	
1		AL-ANI, S.K.J., et al., "The Effect of Temperature of the Optical Absorption	
1 1		Edge of Amorphous Thin Films of Silicon Monoxide", phys. stat. sol.(b) 123,	
\		(1984),pp. 653-658	
		AL-ANI, S.K.J., et al., "The optical absorption edge of amorphous thin films of	
1		silicon monoxide", Journal of Materials Science, 19, (1984),pp. 1737-1748	<u> </u>
		CHAND, N., et al., "Tunability of intrinsic stress SiO/sub x/ dielectric films	
		formed by molecular beam deposition", IEE, (1995),2 pages	
		CHAU, R., et al., "30nm Physical Gate Length CMOS Tansistors with 1.0 ps n-	
1		MOS and 1.7 ps p-MOS Gate Delays", IEEE Int. Electron, Devices Meeting, San	
		Francisco, (December, 2000),pp. 45-48	<u> </u>
		DEMICHELIS, F., et al., "Doped amorphous and microcrystalline silicon carbide	
- 1		as wide band-gap material", Wide Band Gap Semiconductors Symposium, Mat.	İ
		Res. Soc., Pittsburgh, PA, (1992),1 page	<u> </u>
		ELDRIDGE, J. M., et al., "Oxidation of Plasma-Deposited a-SixC1-x: H films", J.	
		Electrochem. Soc., Vol 137, No. 7,(July, 1990),pp. 2266-2271	<u> </u>
		FURUSAWA, T., et al., "Simple, Reliable Cu/low-k Interconnect Integration	
1		Using Mechanically-strong Low-k Dielectric Material: Silicon-oxycarbide*, Proc.	
		IEEE Int. Interconnect Technology Conf., (June, 2000),pp. 222-224	<u> </u>
acmo.		HIRAYAMA, M., et al., "Low-Temperature Growth of High-Integrity Silicon Oxide	1
שוודע		Films by Oxygen Radical Generated in High-Density Krypton Plasma", IEEE,	ł
		(1999),4 pages	<u> </u>

EXAMINER C. Gueslier

DATE CONSIDERED 1-7-05

11/25/03

PTO/SB/084(19-01)
Approved for use through 10/31/2002, Cs/B 851-0031
8 Patent & Tretemerk Office U.S. DEPARTMENT OF CONSERCE

Substitute for form 1449APTO	Complete If Known			
INFORMATION DISCLOSURE	<b>Application Number</b>	Unknown 10/721,585		
STATEMENT BY APPLICANT (Use as many sheets as necessary)  Sheet 2 of 2	Filing Date	Even Date Herewith 11/25/03		
	First Named Inventor	Forbes, Leonard		
	Group Art Unit	Unknown 2826 2891		
	Examiner Name	Unknown C. Everhant		
	Attorney Docket No:	1303.017US2		

CAME	ILYAS, M., et al., "The optical absorption edge of amorphous thin films of silicon monoxide and of silicon monoxide mixed with titanium monoxide", IEE, (2001),1	
1	KUBASCHEWSKI, O., et al., "Oxidation of Metals and Alloys", Butterworths, London, (1962),pp. 53-64	
	MAITI, B., et al., "Metal Gates for Advanced CMOS Technology", Proc.  Microelectronic Device Technology III, Santa Clara, CA, 22-23, Soc. of Photo- Optical Instrumentation Engineers, Bellingham WA, (September, 1999), pp. 46-57	
	RENLUND, G. M., et al., "Silicon oxycarbide glasses: Part I. Preparation and chemistry", J. Mater. Res., (December, 1991),pp. 2716-2722	
1	RENLUND, G. M., et al., "Silicon oxycarbide glasses: Part II. Structure and properties" .l. Mater. Res., vol. 6. No. 12.(December, 1991),pp. 2723-2734	
	ROBINSON, G., "Passivation hardens lasers for low-cost package", 3 pages  SHI, Y., "Tunneling Leakage Current in Ultrathin (<4 nm) Nitride/Oxide Stack  Dielectrics", IEEE Electron Device Letters, 19(10), (Oct. 1998),pp. 388-390	
	SKRIVER, H. L., et al., "Surface energy and work function of elemental metals",  Physical Review B (Condensed Matter), vol. 46, no. 11, (September 15, 1992), 1  page	
	STRASS, A., et al., "Fabrication and Characterisation of thin low-temperature MBE-compatible silicon oxides of different stoichiometry", Thin Solid Films 349, (1999) op. 135-146	
egno	SZE, S. M., "Physics of Semiconductor Devices", Wiley, (1969),pp. 402-407 SZE, S. M., "Physics of Semiconductor Devices,", Wiley, (1981),pp. 251, 396	

EXAMINER C. Suerbart DATE CONSIDERED 1-7-